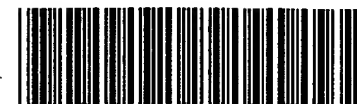


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#8



ENTERED OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/938,269

DATE: 06/11/2002

TIME: 11:17:18

Input Set : A:\seqlist.txt

Output Set: N:\CRF3\06112002\I938269.raw

```

4 <110> APPLICANT: Franklin, Richard L.
5   Cowling, Didier S.P.
6   Hubbel, Jeffrey A.
7   van de Wetering, Petra
9 <120> TITLE OF INVENTION: Treatment of Trauma
12 <130> FILE REFERENCE: 314572-105
14 <140> CURRENT APPLICATION NUMBER: 09/938,269
15 <141> CURRENT FILING DATE: 2001-08-23
17 <160> NUMBER OF SEQ ID NOS: 17
19 <170> SOFTWARE: FastSEQ for Windows Version 4.0
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 300
23 <212> TYPE: PRT
24 <213> ORGANISM: Panaeu vanameii
26 <400> SEQUENCE: 1
27 Leu Leu Leu Ala Leu Val Ala Ala Ala Ser Ala Ala Glu Trp Arg Trp
28 1 5 10 15
29 Gln Phe Arg His Pro Thr Val Thr Pro Asn Pro Arg Ala Lys Asn Pro
30 20 25 30
31 Phe Arg Val Thr Lys Ser Ser Pro Val Gln Pro Pro Ala Val Arg Gly
32 35 40 45
33 Thr Lys Ala Val Glu Asn Cys Gly Pro Val Ala Pro Arg Asn Lys Ile
34 50 55 60
35 Val Gly Gly Met Glu Val Thr Pro His Ala Tyr Pro Trp Gln Val Gly
36 65 70 75 80
37 Leu Phe Ile Asp Asp Met Tyr Phe Cys Gly Gly Ser Ile Ile Ser Asp
38 85 90 95
39 Glu Trp Val Leu Thr Ala Ala His Cys Met Asp Gly Ala Gly Phe Val
40 100 105 110
41 Glu Val Val Met Gly Ala His Ser Ile His Asp Glu Thr Glu Ala Thr
42 115 120 125
43 Gln Val Arg Ala Thr Ser Thr Asp Phe Phe Thr His Glu Asn Trp Asn
44 130 135 140
45 Ser Phe Thr Leu Ser Asn Asp Leu Ala Leu Ile Lys Met Pro Ala Pro
46 145 150 155 160
47 Ile Glu Phe Asn Asp Val Ile Gln Pro Val Cys Leu Pro Thr Tyr Thr
48 165 170 175
49 Asp Ala Ser Asp Asp Phe Val Gly Glu Ser Val Thr Leu Thr Gly Trp
50 180 185 190
51 Gly Lys Pro Ser Asp Ser Ala Phe Gly Ile Ala Glu Gln Leu Arg Glu
52 195 200 205
53 Val Asp Val Thr Thr Ile Thr Thr Ala Asp Cys Gln Ala Tyr Tyr Gly
54 210 215 220

```

## RAW SEQUENCE LISTING

DATE: 06/11/2002

PATENT APPLICATION: US/09/938,269

TIME: 11:17:18

Input Set : A:\seqlist.txt

Output Set: N:\CRF3\06112002\I938269.raw

```

55 Ile Val Thr Asp Lys Ile Leu Cys Ile Asp Ser Glu Gly Gly His Gly
56 225                230                235                240
57 Ser Cys Asn Gly Asp Ser Gly Gly Pro Met Asn Tyr Val Thr Gly Gly
58                245                250                255
59 Val Thr Gln Thr Arg Gly Ile Thr Ser Phe Gly Ser Ser Thr Gly Cys
60                260                265                270
61 Glu Thr Gly Tyr Pro Asp Gly Tyr Thr Arg Val Thr Ser Tyr Leu Asp
62                275                280                285
63 Trp Ile Glu Ser Asn Thr Gly Ile Ala Ile Asp Pro
64                290                295                300

```

66 &lt;210&gt; SEQ ID NO: 2

67 &lt;211&gt; LENGTH: 25

68 &lt;212&gt; TYPE: PRT

69 <213> ORGANISM: *Panaeus vanameii*

71 &lt;400&gt; SEQUENCE: 2

72 Ile Val Gly Gly Val Glu Ala Thr Pro His Ser Trp Pro His Gln Ala

73 1 5 10 15

74 Ala Leu Phe Ile Asp Asp Met Tyr Phe

75 20 25

77 &lt;210&gt; SEQ ID NO: 3

78 &lt;211&gt; LENGTH: 20

79 &lt;212&gt; TYPE: PRT

80 <213> ORGANISM: *Panaeus vanameii*

82 &lt;220&gt; FEATURE:

83 &lt;221&gt; NAME/KEY: VARIANT

84 &lt;222&gt; LOCATION: (1)...(20)

85 &lt;223&gt; OTHER INFORMATION: Xaa = Any Amino Acid

87 &lt;400&gt; SEQUENCE: 3

W--&gt; 88 Ile Val Gly Gly Val Glu Ala Thr Pro His Ser Xaa Pro His Gln Ala

89 1 5 10 15

90 Ala Leu Phe Ile

91 20

93 &lt;210&gt; SEQ ID NO: 4

94 &lt;211&gt; LENGTH: 25

95 &lt;212&gt; TYPE: PRT

96 <213> ORGANISM: *Panaeus monodon tryptic*

98 &lt;400&gt; SEQUENCE: 4

99 Ile Val Gly Gly Thr Ala Val Thr Pro Gly Glu Phe Pro Tyr Gln Leu

100 1 5 10 15

101 Ser Phe Gln Asp Ser Ile Glu Gly Val

102 20 25

104 &lt;210&gt; SEQ ID NO: 5

105 &lt;211&gt; LENGTH: 25

106 &lt;212&gt; TYPE: PRT

107 <213> ORGANISM: *Panaeus monodon chymotryptic*

109 &lt;400&gt; SEQUENCE: 5

110 Ile Val Gly Gly Val Glu Ala Val Pro Gly Val Trp Pro Tyr Gln Ala

111 1 5 10 15

112 Ala Leu Phe Ile Ile Asp Met Tyr Phe

## RAW SEQUENCE LISTING

DATE: 06/11/2002

PATENT APPLICATION: US/09/938,269

TIME: 11:17:18

Input Set : A:\seqlist.txt

Output Set: N:\CRF3\06112002\I938269.raw

```

113          20          25
115 <210> SEQ ID NO: 6
116 <211> LENGTH: 25
117 <212> TYPE: PRT
118 <213> ORGANISM: Panaeus monodon chymotryptic
120 <400> SEQUENCE: 6
121 Ile Val Gly Gly Val Glu Ala Val Pro His Ser Trp Pro Tyr Gln Ala
122 1          5          10          15
123 Ala Leu Phe Ile Ile Asp Met Tyr Phe
124          20          25
126 <210> SEQ ID NO: 7
127 <211> LENGTH: 25
128 <212> TYPE: PRT
129 <213> ORGANISM: Uca pugilator enzyme
131 <400> SEQUENCE: 7
132 Ile Val Gly Gly Val Glu Ala Val Pro Asn Ser Trp Pro His Gln Ala
133 1          5          10          15
134 Ala Leu Phe Ile Asp Asp Met Tyr Phe
135          20          25
137 <210> SEQ ID NO: 8
138 <211> LENGTH: 20
139 <212> TYPE: PRT
140 <213> ORGANISM: Uca pugilator enzyme
142 <400> SEQUENCE: 8
143 Ile Val Gly Gly Gln Asp Ala Thr Pro Gly Gln Phe Pro Tyr Gln Leu
144 1          5          10          15
145 Ser Phe Gln Asp
146          20
148 <210> SEQ ID NO: 9
149 <211> LENGTH: 20
150 <212> TYPE: PRT
151 <213> ORGANISM: Kamchatka crab
153 <220> FEATURE:
154 <221> NAME/KEY: VARIANT
155 <222> LOCATION: (1)...(20)
156 <223> OTHER INFORMATION: Xaa = Any Amino Acid
158 <400> SEQUENCE: 9
W--> 159 Ile Val Gly Gly Gln Glu Ala Ser Pro Gly Ser Trp Pro Xaa Gln Val
160 1          5          10          15
161 Gly Leu Phe Phe
162          20
164 <210> SEQ ID NO: 10
165 <211> LENGTH: 20
166 <212> TYPE: PRT
167 <213> ORGANISM: Kamchatka crab
169 <400> SEQUENCE: 10
170 Ile Val Gly Gly Thr Glu Val Thr Pro Gly Glu Ile Pro Tyr Gln Leu
171 1          5          10          15
172 Ser Leu Gln Asp

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/938,269

DATE: 06/11/2002

TIME: 11:17:18

Input Set : A:\seqlist.txt

Output Set: N:\CRF3\06112002\I938269.raw

```

173          20
175 <210> SEQ ID NO: 11
176 <211> LENGTH: 20
177 <212> TYPE: PRT
178 <213> ORGANISM: Kamchatka crab
180 <400> SEQUENCE: 11
181 Ile Val Gly Gly Thr Glu Val Thr Pro Gly Glu Ile Pro Tyr Gln Leu
182 1          5          10          15
183 Ser Phe Gln Asp
184          20
186 <210> SEQ ID NO: 12
187 <211> LENGTH: 20
188 <212> TYPE: PRT
189 <213> ORGANISM: Kamchatka crab
191 <220> FEATURE:
192 <221> NAME/KEY: VARIANT
193 <222> LOCATION: (1)...(20)
194 <223> OTHER INFORMATION: Xaa = Any Amino Acid
196 <400> SEQUENCE: 12
W--> 197 Ile Val Gly Gly Ser Glu Ala Thr Ser Gly Gln Phe Pro Tyr Gln Xaa
198 1          5          10          15
199 Ser Phe Gln Asp
200          20
202 <210> SEQ ID NO: 13
203 <211> LENGTH: 20
204 <212> TYPE: PRT
205 <213> ORGANISM: Crayfish protease
207 <400> SEQUENCE: 13
208 Ile Val Gly Gly Thr Asp Ala Thr Leu Gly Glu Phe Pro Tyr Gln Leu
209 1          5          10          15
210 Ser Phe Gln Asn
211          20
213 <210> SEQ ID NO: 14
214 <211> LENGTH: 25
215 <212> TYPE: PRT
216 <213> ORGANISM: Salmon enzyme
218 <400> SEQUENCE: 14
219 Ile Val Gly Gly Tyr Glu Cys Lys Ala Tyr Ser Gln Ala Tyr Gln Val
220 1          5          10          15
221 Ser Leu Asn Ser Gly Tyr His Tyr Cys
222          20          25
224 <210> SEQ ID NO: 15
225 <211> LENGTH: 25
226 <212> TYPE: PRT
227 <213> ORGANISM: Atlantic cod
229 <400> SEQUENCE: 15
230 Ile Val Gly Gly Tyr Glu Cys Thr Lys His Ser Gln Ala His Gln Val
231 1          5          10          15
232 Ser Leu Asn Ser Gly Tyr His Tyr Cys

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/938,269

DATE: 06/11/2002

TIME: 11:17:18

Input Set : A:\seqlist.txt

Output Set: N:\CRF3\06112002\I938269.raw

```

233          20          25
235 <210> SEQ ID NO: 16
236 <211> LENGTH: 25
237 <212> TYPE: PRT
238 <213> ORGANISM: Atlantic cod
240 <400> SEQUENCE: 16
241 Ile Val Gly Gly Tyr Glu Cys Thr Arg His Ser Gln Ala His Gln Val
242  1          5          10          15
243 Ser Leu Asn Ser Gly Tyr His Tyr Cys
244          20          25
246 <210> SEQ ID NO: 17
247 <211> LENGTH: 37
248 <212> TYPE: PRT
249 <213> ORGANISM: Atlantic cod
251 <400> SEQUENCE: 17
252 Ile Val Gly Gly Tyr Gln Cys Glu Ala His Ser Gln Ala His Gln Val
253  1          5          10          15
254 Ser Leu Asn Ser Gly Tyr His Tyr Cys Gly Gly Ser Leu Ile Asn Trp
255          20          25          30
256 Val Val Ser Ala Ala
257          35

```

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/938,269

DATE: 06/11/2002  
TIME: 11:17:19

Input Set : A:\seqlist.txt  
Output Set: N:\CRF3\06112002\I938269.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; Xaa Pos. 12  
Seq#:9; Xaa Pos. 14  
Seq#:12; Xaa Pos. 16

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/938,269

DATE: 06/11/2002

TIME: 11:17:19

Input Set : A:\seqlist.txt

Output Set: N:\CRF3\06112002\I938269.raw

L:88 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0  
L:159 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0  
L:197 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0